

Safety Review Committee

February 20, 2009

10:00 AM – 12:00 PM

Minutes

Committee Member	Representing	Present
Banda, Michael J.	Computing Sciences Directorate	X
Bello, Madelyn	Human Resources Advisor	X
Blodgett, Paul M.	Environment, Health and Safety Division	
Dubon, Oscar	Materials Sciences Division	
Kadel, Richard W.	Physics Division	
Kostecki, Robert	Environmental Energy Technologies Division	X
Leitner, Daniela	Nuclear Science Division	X
Li, Derun	Accelerator & Fusion Research Division	X
Lucas, Donald	Safety Review Committee Chair	X
Lukens Jr., Wayne W.	Chemical Sciences Division	
Martin, Michael C.	Advanced Light Source Division	X
Nakagawa, Seiji	Earth Sciences Division	X
Ohearn, Jerry	Facilities Division	
Petzold, Christopher J.	Physical Biosciences Division	X
Pollard, Martin	Genomics Division	X
Sopher, Ted	Information Technology Division	X
Taylor, Scott E.	Life Sciences Division	X
Thomas, Patricia M.	Safety Review Committee Secretary	X
Twohey, Daniel	Directorate/Operations	X
Wong, Weyland	Engineering Division	X

Others Present: Ken Barat, Brandon DeFrancisci, Rouin Farschi, Melanie Gravois, Michael Kritscher, Peter Lichty, Florence Mou, Mike Ruggieri, Mike Wisherop

OPEN SESSION 10:00 – 11:30 AM

Chairman's Comments – Don Lucas

- **Minutes** of the December meeting were approved.
- **New people** – Brandon DeFrancisci will be our liaison to UC Berkeley campus. Martin Pollard will be the Genomics representative.
- **PPE reminder** – Don Lucas reminded committee members that the PPE policy becomes fully effective March 1. Requests for exceptions should be submitted to Don Lucas as soon as possible.
- **Minor revisions to PUB-3000** – Mike Wisherop

- Chapter 10 Construction Safety Manual Administrative Policies – Clarifications have been made to subcontractor electrical PPE inspection and fall protection requirements.
- Chapter 27 Cranes, Hoisting, and Rigging – requirements for cranes with greater than 2 tons capacity have been clarified to reflect existing practices
- **MESH Planning** – The divisions reviewed in 2008 have scheduled their response presentations for March (AFRD and Computing Sciences) and April (Earth Sciences and Genomics). The MESH guidelines were revised 3 years ago. We will discuss new guidelines next month. The guidelines should reflect existing practices.
- **March meeting** – The March meeting will be our annual meeting with the Lab Director. Pat Thomas is requesting input from the subcommittees for our annual report.
- **Hot Work Permit process** – The Fire Department permit system for thermally hot work (welding, heat treating, etc.) was reviewed by the Fire Captain in September. An appendix is being added. He would like to have SRC review, but the deadline is Friday. There will be an interim policy for 2 months. The subject matter expert (Gary Piermattei) plans to present the changes to the SRC in April. Bunsen burners are exempt. The soldering policy may change. Don Lucas asked for a vote on the interim policy, which was approved by a consensus of all members present.

Discussion: Proposed changes to EHS0010 Introduction to ES&H at LBNL – John Seabury and Don Lucas

The requirement for EHS0010 Introduction to ES&H at LBNL training came into effect in 1987. People hired before January 1, 1982 were exempted. The course was originally developed to address OSHA Hazard Communication requirements. The course has changed and now includes Integrated Safety Management concepts and an overview of LBNL ES&H systems.

The proposal is to remove the exemption for people hired before 1982, and to add a renewal requirement. Parts of the course will be selected for refreshing and new policies will be included in the refresher training. A similar process is used at LLNL. The refresher will be required for everyone, like a non-radiation equivalent of General Employee Radiation Training. The initial class will take about 1 hour. The refresher will be on line, about 15 minutes.

There was a question about how to train pre-1982 people without computers. There are about 380 pre-1982 people. Some people have re-adjusted hire dates because they were rehired.

There was a question about whether GERT and cybersecurity should be combined with EHS0010.

We will have the capability of checking badge status soon. We are looking at tying building access to training requirements. It may not be workable because of conference room access and costs for individual labs.

Some divisions have their own versions of EHS0010. EH&S would like to change to a central class with the course information. Divisions could offer supplementary training, which could be linked to EHS0010. The course developers have Masters degrees in adult education and have worked with the subject matter experts to develop a high-quality course.

There was a question about whether subcontractors and vendors who are not continuously supervised should be required to take the course. Participating Guests will be treated the same as employees. There was a request that a visitor / guest training course should be developed. The guest categories will be revisited as part of the JHA improvement. John Seabury will think about who needs to take EHS0010. The JHA opt-out and work group processes allow some filtering. ALS uses an alternate JHA process for Users. John Seabury will look at the applicability of the course content and refine the requirements. People hosting guests should review their training needs.

Laser Safety Subcommittee – David Littlejohn

The DOE laser audit last year identified ambiguity in the approval authority for alternate controls. The Laser Safety Subcommittee is proposing to adding language to their charter to address this issue. PUB-3000 laser safety chapter was changed in March and says laser protocols are to be “reviewed and approved” by the Subcommittee. The charter says that the Subcommittee “endorses” protocols. The proposed change will allow the Subcommittee to approve interpretations of the ANSI standard. 10 CFR 851 allows this, and the auditors approved of the practice of the Subcommittee approving protocols and interpretations of the standard. For example, the standard says to remove the key from the laser if it will not be used for more than 30 minutes, and this is unnecessary in some situations. Another example is allowing alternate methods of emergency shutoff. The Laser Safety Officer now has “ Authority Having Jurisdiction” authority. The Subcommittee will submit the proposed change to the charter to Don Lucas.

There was a discussion of the process for approval of Subcontractor JHAs. The requirements for vendors / subcontractors can be incorporated in AHDs. For microscopes, a laser service AHD can be developed, or a temporary authorization can be approved by the Laser Safety Officer. The required controls can be discussed and developed before the servicing is needed. In addition to laser hazards, there are often electrical safety requirements that need to be addressed. There are still problems with vendors not being prepared to fill out the electrical safety workbooks. The Laser Safety Officer will provide an on-site orientation to laser vendors.

EXECUTIVE SESSION 11:30 AM – 12:00 PM

Committee members discussed results of the HSS audit.

The meeting was adjourned at 12:00 PM

Respectfully submitted, Patricia M. Thomas, SRC Secretary